



f a c t s h e e t

Stationary Emergency and Non-Emergency Engines and Turbines

On March 9, 2018, the Massachusetts Department of Environmental Protection (MassDEP) amended its engine and turbine regulations [310 CMR 7.02, 7.03(10) and 7.26(40)-(45)]. Many of the amendments make the regulations consistent with the U.S. Environmental Protection Agency's (EPA) engine regulations (found at 40 CFR Part 63, Subpart ZZZZ; 40 CFR Part 60, Subpart IIII; and 40 CFR Part 60, Subpart JJJJ). The amended regulations are available on MassDEP's website at <https://www.mass.gov/regulations/310-CMR-700-air-pollution-control>.

Overview

MassDEP's regulations establish performance standards and a compliance certification process that must be met when installing emergency or non-emergency engines and turbines:

- 310 CMR 7.26(42) applies to emergency engines with rated power output ≥ 37 kilowatts (kW) and emergency turbines with rated power output < 1 megawatt (MW), and require a one-time certification within 60 days of start of operation.
- 310 CMR 7.26(43) applies to non-emergency engines with rated power output ≥ 50 kW, and non-emergency turbines with rated power output ≤ 10 MW, and require one-time certification at least 30 days prior to the start of operation.

Certification Workbooks and forms are available on MassDEP's website at www.mass.gov/eea/agencies/massdep/air/approvals/stationary-engines-and-turbines.html. If an engine or turbine cannot meet the applicable performance standards in 310 CMR 7.26 or is otherwise ineligible, a non-major comprehensive permit application can be submitted to MassDEP under 310 CMR 7.02(5).

Emergency Engines and Turbines

- Prohibit emergency engine and turbine operation as part of demand response programs.
- Allow unlimited operation during an emergency (i.e., remove previous 300 hour annual limit).
- Allow operation 100 hours per year for maintenance and testing, including up to 50 hours per year for non-emergency use.
- Clarify that emergency engines or turbines ≥ 300 kW must have at least a 10 foot stack above the rooftop or enclosure, whichever is lower.

Non-Emergency Engines and Turbines

- Clarify that a non-emergency engine that cannot meet emission requirements may apply for a non-major comprehensive plan approval.
- Clarify that engines and turbines < 300 kW burning liquid fuel must have at least a 5 foot stack above the rooftop or enclosure, whichever is higher.
- Clarify that engines or turbines ≥ 300 kW must have at least a 10 foot stack above the rooftop or enclosure, whichever is higher.

This fact sheet is intended for general reference only and does not represent a full and complete statement of the technical or legal requirements associated with the regulation.

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Commonwealth of
Massachusetts

Executive Office of
Energy & Environmental Affairs

Department of
Environmental Protection

March 9, 2018
Printed on recycled paper.

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alternate format by calling our
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